

ECS/EMD Configuration Change Request

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1. Originator Byron V. Peters	2. Log Date: 3/23/05	3. CCR #: 05-0132	4. Rev:	5. Tel: 301/925-0350	6. Rm #: 3107	7. Org. SE
8. CCR Title: Baseline Brocade Fabric OS Version 4.2.2 firmware						
9. Originator Signature/Date Byron Peters /s/ 3/23/05			10. Class II	11. Type: CCR	12. Need Date: 3/29/05	
13. CCR Sponsor Signature/Date James Mather /s/ 3/23/05			14. Category of Change: Update ECS/EMD Baseline Doc		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 910-TDA-003			17. Schedule Impact:		18. CI(s) Affected:ISS	
19. Release Affected by this Change:		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: DAAC request						
23. Problem: (use additional Sheets if necessary) LP DAAC had a problem recently with their Brocade 3900 fabric switch that interconnects the STK 9940B tape drives. The switch rebooted several times on its own which brought operations to the drives to a halt.						
24. Proposed Solution: (use additional sheets if necessary) STK recommends upgrading the Fabric OS to version 4.2.2 to fix this problem. STK will implement the upgrade on all the LP DAAC Brocade fabric switches during normal system PM time. The upgrade should be performed by STK at all DAACs with Brocade Silksworm 3800, 3900 and 12000 switches. Please note that this upgrade has not been tested at Landover due to lack of equipment. The risk is minimal, however, since the prior version can be restored in the event of an unexpected problem.						
25. Alternate Solution: (use additional sheets if necessary)						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Unexpected down time due to fabric unreliability.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): Evelyn Nakamura /s/ 3/24/05			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			